
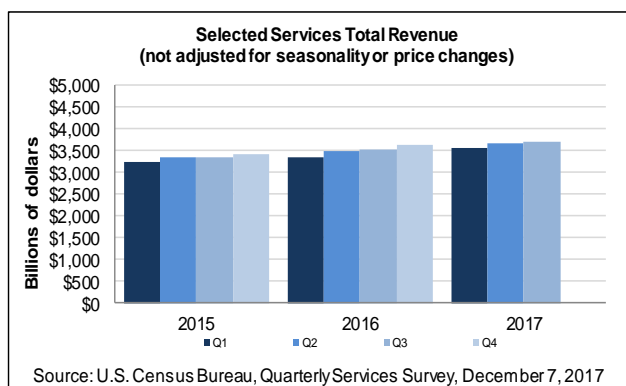


QUARTERLY SELECTED SERVICES ESTIMATES, THIRD QUARTER 2017

Release Number: CB17-203

December 7, 2017 — The U.S. Census Bureau announced the following selected services estimates for the third calendar quarter of 2017:

 SELECTED SERVICES TOTAL REVENUE		
3Q 2017	\$3,717.6 billion	+1.1 %
2Q 2017	\$3,677.5 billion	+3.0 %
Next release: February 16, 2018		
Data are not adjusted for seasonality or price changes. Source: U.S. Census Bureau, Quarterly Services Survey, December 7, 2017		



Selected Services Total

U.S. selected services total revenue for the third quarter of 2017, not adjusted for seasonal variation or price changes, was \$3,717.6 billion, an increase of 1.1 percent (± 0.2 percent) from the second quarter of 2017 and up 5.2 percent (± 3.2 percent) from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 1.2 percent (± 0.4 percent).

Information

U.S. information sector revenue for the third quarter of 2017, adjusted for seasonal variation but not for price changes, was \$391.2 billion, an increase of 1.8 percent (± 0.6 percent) from the second quarter of 2017 and up 5.8 percent (± 3.8 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from 1.4 percent (± 0.6 percent) to 1.2 percent (± 0.6 percent).

Professional, scientific, and technical services

U.S. professional, scientific, and technical services revenue for the third quarter of 2017, adjusted for seasonal variation but not for price changes, was \$442.1 billion, virtually unchanged (± 1.1 percent)* from the second quarter of 2017 and up 1.4 percent (± 5.9 percent)* from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from 0.5 percent (± 1.3 percent)* to -0.1 percent (± 1.1 percent)*.

Administrative and support and waste management and remediation services

U.S. administrative and support and waste management and remediation services revenue for the third quarter of 2017, adjusted for seasonal variation but not for price changes, was \$238.9 billion, an increase of 1.2 percent (± 1.1 percent) from the second quarter of 2017 and up 8.5 percent (± 6.4 percent) from the third quarter of 2016. The first quarter of 2017 to second quarter of 2017 percentage change was revised from

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1.5 percent (± 0.9 percent) to 2.1 percent (± 1.5 percent).

Utilities

U.S. utilities revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$156.4 billion, an increase of 14.2 percent (± 3.8 percent) from the second quarter of 2017 and up 1.3 percent (± 9.7 percent)* from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 13.9 percent (± 3.8 percent).

Transportation and warehousing

U.S. transportation and warehousing revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$233.0 billion, an increase of 0.3 percent (± 0.9 percent)* from the second quarter of 2017 and up 3.1 percent (± 7.2 percent)* from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 0.2 percent (± 1.1 percent)*.

Finance and insurance

U.S. finance and insurance revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$1,147.9 billion, an increase of 1.1 percent (± 0.4 percent) from the second quarter of 2017 and up 6.1 percent (± 9.5 percent)* from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 1.4 percent (± 0.4 percent).

Real estate and rental and leasing

U.S. real estate and rental and leasing revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$178.0 billion, an increase of 1.3 percent (± 1.1 percent) from the second quarter of 2017 and up 6.5 percent (± 10.4 percent)* from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 1.2 percent (± 1.3 percent)*.

Educational services

U.S. educational services revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$17.6 billion, a decrease of 1.9 percent (± 3.8 percent)* from the second quarter of 2017 and up 9.0 percent (± 8.5 percent) from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of -1.7 percent (± 3.2 percent)*.

Health care and social assistance

U.S. health care and social assistance revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$632.0 billion, a decrease of 0.3 percent (± 0.4 percent)* from the second quarter of 2017 and up 4.6 percent (± 3.2 percent) from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of -0.4 percent (± 0.6 percent)*.

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Arts, entertainment, and recreation

U.S. arts, entertainment, and recreation revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$73.2 billion, an increase of 7.8 percent (± 1.7 percent) from the second quarter of 2017 and up 9.6 percent (± 7.8 percent) from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 8.7 percent (± 2.1 percent).

Accommodation

U.S. accommodation revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$66.5 billion, an increase of 0.4 percent (± 1.1 percent)* from the second quarter of 2017 and up 3.0 percent (± 8.1 percent)* from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of -0.4 percent (± 0.9 percent)*.

Other services (except public administration)

U.S. other services (except public administration) revenue for the third quarter of 2017, not adjusted for seasonal variation, or price changes, was \$149.0 billion, an increase of 1.0 percent (± 4.7 percent)* from the second quarter of 2017 and up 11.5 percent (± 7.2 percent) from the third quarter of 2016. The second quarter of 2017 to third quarter of 2017 percentage change was revised from the advance estimate of 0.4 percent (± 5.3 percent)*.

Sample Revision

Effective with the November 2017 advance release for the third quarter of 2017, quarterly services estimates are based on a new sample and published on a 2012 North American Industry Classification System (NAICS) basis. For more information on the new sample or the impact of adopting 2012 NAICS definitions, visit <www.census.gov/services/qss/faqs.html>.

Hurricanes

For information on the impact of hurricanes on the compilation of the 3rd quarter report, please see the following Frequently Asked Questions (FAQ): <www.census.gov/services/qss/hurricanefaq.pdf>.

Upcoming Benchmarking

Effective with the February 2018 release for the fourth quarter of 2017, quarterly services estimates will be revised based on the results of the 2016 Service Annual Survey.

Notes

The fourth quarter 2017 Advance Quarterly Services Report is scheduled for release on February 16, 2018. View the full schedule in the Economic Briefing Room: <www.census.gov/economic-indicators/>.

Additional industry detail and estimates of revenue, expenses, inpatient days, and discharges can be found at <www.census.gov/services/>.

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*The 90 percent confidence interval includes zero. There is insufficient evidence to conclude that the actual change is different from zero.

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Table 1a. Selected Services - Estimated Quarterly Revenue for Employer Firms, Seasonally Adjusted¹

[Estimates are adjusted for seasonal variation but not for price change and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ²	Kind of business	Total revenue (millions of dollars)						Percent change					
		3Q 2017 (p)	2Q 2017 (r)	1Q 2017 (r)	4Q 2016 (r)	3Q 2016 (r)	2Q 2016 (r)	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017 (r)	1Q 2017 from 4Q 2016 (r)	4Q 2016 from 3Q 2016 (r)	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016 (r)
51	Information	391,198	384,241	379,521	373,849	369,584	365,020	1.8	1.2	1.5	1.2	5.8	5.3
5112	Software publishers.....	57,672	54,655	53,430	51,690	50,596	50,104	5.5	2.3	3.4	2.2	14.0	9.1
512	Motion picture and sound recording industries	26,706	26,509	27,563	25,244	26,035	25,039	0.7	-3.8	9.2	-3.0	2.6	5.9
54	Professional, scientific, and technical services³	442,051	441,895	442,555	440,552	435,964	431,333	Z	-0.1	0.5	1.1	1.4	2.4
5411	Legal services ³	72,974	73,464	73,740	74,631	71,456	71,840	-0.7	-0.4	-1.2	4.4	2.1	2.3
5412	Accounting, tax preparation, bookkeeping, and payroll services	44,464	45,452	45,255	44,068	43,701	42,229	-2.2	0.4	2.7	0.8	1.7	7.6
56	Administrative and support and waste management and remediation services⁴	238,894	236,072	231,302	224,592	220,083	215,272	1.2	2.1	3.0	2.0	8.5	9.7
5613	Employment services	99,452	96,635	95,076	90,337	87,850	85,935	2.9	1.6	5.2	2.8	13.2	12.5
5615	Travel arrangement and reservation services	11,848	11,361	11,224	11,159	11,236	10,609	4.3	1.2	0.6	-0.7	5.4	7.1
561 pt	Other administrative and support services ⁵	103,981	104,733	101,655	99,934	98,211	96,233	-0.7	3.0	1.7	1.8	5.9	8.8
562	Waste management and remediation services	23,613	23,343	23,347	23,162	22,786	22,495	1.2	Z	0.8	1.7	3.6	3.8
622	Hospitals.....	276,901	272,439	271,939	272,142	266,013	266,821	1.6	0.2	-0.1	2.3	4.1	2.1

(p) Preliminary estimate. (r) Revised estimate. Z Absolute value is less than .05.

(1) The seasonal factors are based on a short time series that may not have stable seasonal patterns. As more estimates are added to the time series, large revisions in seasonal factors and consequently historical estimates may be observed. Data users should exercise caution when drawing inferences based on the seasonally adjusted estimates. Unless otherwise specified, seasonally adjusted estimates are obtained using a direct seasonal adjustment at the published NAICS (North American Industry Classification System) level.

(2) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(3) Excludes NAICS 54112 (Offices of notaries).

(4) Seasonally adjusted estimates for NAICS 56 are obtained by summing the seasonally adjusted estimates for 5613, 5615, 561pt, and 562.

(5) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html.

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2017 (p)	2Q 2017	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016	2017 (p)	2016	2017 from 2016 (p)
	Selected Services Total²	3,717,642	3,677,475	3,570,394	3,616,917	3,533,145	3,471,049	1.1	3.0	5.2	5.9	10,965,511	10,361,556	5.8
22	Utilities³	156,369	136,984	148,140	139,537	154,305	128,480	14.2	-7.5	1.3	6.6	441,493	427,020	3.4
2211	Electric power generation, transmission and distribution	134,006	112,901	110,367	110,085	134,135	107,902	18.7	2.3	-0.1	4.6	357,274	351,477	1.6
2212	Natural gas distribution	18,036	20,430	34,470	25,876	16,335	17,189	-11.7	-40.7	10.4	18.9	72,936	65,162	11.9
2213	Water, sewage and other systems	4,327	3,653	3,303	3,576	3,835	3,389	18.5	10.6	12.8	7.8	11,283	10,381	8.7
48-49	Transportation and warehousing⁴	233,013	232,358	214,748	223,406	225,927	220,901	0.3	8.2	3.1	5.2	680,119	654,561	3.9
481	Air transportation	51,752	51,994	45,302	48,007	52,066	50,884	-0.5	14.8	-0.6	2.2	149,048	149,116	Z
483	Water transportation	12,936	10,693	10,033	10,519	12,166	10,424	21.0	6.6	6.3	2.6	33,662	32,396	3.9
4831	Deep sea, coastal, and Great Lakes water transportation.....	10,985	8,856	8,124	8,456	10,123	8,420	24.0	9.0	8.5	5.2	27,965	26,412	5.9
4832	Inland water transportation.....	1,951	1,837	1,909	2,063	2,043	2,004	6.2	-3.8	-4.5	-8.3	5,697	5,984	-4.8
484	Truck transportation	70,101	69,631	63,284	65,611	68,053	66,119	0.7	10.0	3.0	5.3	203,016	195,955	3.6
4841	General freight trucking	43,044	42,535	39,545	41,224	42,106	41,887	1.2	7.6	2.2	1.5	125,124	123,849	1.0
48412	General freight trucking, long-distance	36,701	35,954	33,480	35,297	35,963	35,630	2.1	7.4	2.1	0.9	106,135	105,279	0.8
4842	Specialized freight trucking	27,057	27,096	23,739	24,387	25,947	24,232	-0.1	14.1	4.3	11.8	77,892	72,106	8.0
485	Transit and ground passenger transportation	8,159	9,446	8,931	9,178	7,706	9,022	-13.6	5.8	5.9	4.7	26,536	25,149	5.5
486	Pipeline transportation	11,118	10,902	11,418	11,480	10,790	10,732	2.0	-4.5	3.0	1.6	33,438	32,351	3.4
487	Scenic and sightseeing transportation	1,799	1,122	566	759	1,288	1,014	60.3	98.2	39.7	10.7	3,487	2,936	18.8
488	Support activities for transportation	46,787	48,223	45,764	47,043	45,356	44,642	-3.0	5.4	3.2	8.0	140,774	132,328	6.4
492	Couriers and messengers	20,996	21,071	20,607	22,151	20,067	19,898	-0.4	2.3	4.6	5.9	62,674	59,768	4.9
493	Warehousing and storage	9,365	9,276	8,843	8,658	8,435	8,166	1.0	4.9	11.0	13.6	27,484	24,562	11.9
51	Information	384,939	380,783	373,069	389,924	363,301	361,735	1.1	2.1	6.0	5.3	1,138,791	1,082,945	5.2
511	Publishing industries (except Internet)	77,572	76,751	72,875	79,811	71,572	73,220	1.1	5.3	8.4	4.8	227,198	215,764	5.3
51111	Newspaper publishers	5,802	6,007	5,837	6,653	6,235	6,391	-3.4	2.9	-6.9	-6.0	17,646	18,704	-5.7
51112	Periodical publishers	6,606	6,785	6,296	7,185	6,806	7,093	-2.6	7.8	-2.9	-4.3	19,687	20,240	-2.7
5111 pt	Book, directory and mailing list, and other publishers ⁵	10,952	9,851	8,381	9,579	11,072	10,083	11.2	17.5	-1.1	-2.3	29,184	29,899	-2.4
5112	Software publishers	54,212	54,108	52,361	56,394	47,459	49,653	0.2	3.3	14.2	9.0	160,681	146,921	9.4
512	Motion picture and sound recording industries	25,504	25,740	27,177	27,466	24,863	24,338	-0.9	-5.3	2.6	5.8	78,421	76,326	2.7
515	Broadcasting (except Internet)	39,043	40,088	39,626	43,006	38,872	38,482	-2.6	1.2	0.4	4.2	118,757	115,075	3.2
5151	Radio and television broadcasting	17,504	18,365	18,140	20,975	18,285	17,518	-4.7	1.2	-4.3	4.8	54,009	53,266	1.4
5152	Cable and other subscription programming	21,539	21,723	21,486	22,031	20,587	20,964	-0.8	1.1	4.6	3.6	64,748	61,809	4.8
517	Telecommunications	154,319	153,383	151,691	157,207	153,287	152,341	0.6	1.1	0.7	0.7	459,393	457,142	0.5
5171	Wired telecommunications carriers	79,792	79,820	79,168	80,145	78,824	79,019	Z	0.8	1.2	1.0	238,780	236,464	1.0
5172	Wireless telecommunications carriers (except satellite)	63,212	62,732	61,908	66,339	63,870	62,749	0.8	1.3	-1.0	Z	187,852	189,066	-0.6
517 pt	Other telecommunications ⁶	11,315	10,831	10,615	10,723	10,593	10,573	4.5	2.0	6.8	2.4	32,761	31,612	3.6
518	Data processing, hosting, and related services	40,969	39,022	37,239	37,681	35,922	35,281	5.0	4.8	14.0	10.6	117,230	105,415	11.2
519	Other information services.....	47,532	45,799	44,461	44,753	38,785	38,073	3.8	3.0	22.6	20.3	137,792	113,223	21.7
52	Finance and insurance⁷	1,147,886	1,134,926	1,109,731	1,096,859	1,081,828	1,061,685	1.1	2.3	6.1	6.9	3,392,543	3,176,422	6.8
52 pt	Finance and insurance (except monetary authorities-central bank) ⁸	1,119,462	1,104,907	1,080,574	1,071,811	1,053,801	1,032,422	1.3	2.3	6.2	7.0	3,304,943	3,089,472	7.0
521	Monetary authorities-central bank.....	28,424	30,019	29,157	25,048	28,027	29,263	-5.3	3.0	1.4	2.6	87,600	86,950	0.7
522	Credit intermediation and related activities.....	310,974	302,673	292,592	293,080	295,295	288,041	2.7	3.4	5.3	5.1	906,239	862,767	5.0
5221	Depository credit intermediation.....	138,671	134,623	128,418	128,976	128,362	124,736	3.0	4.8	8.0	7.9	401,712	375,136	7.1
5222	Nondepository credit intermediation.....	147,152	143,118	140,290	140,064	142,582	140,429	2.8	2.0	3.2	1.9	430,560	418,575	2.9
5223	Activities related to credit intermediation.....	25,151	24,932	23,884	24,040	24,351	22,876	0.9	4.4	3.3	9.0	73,967	69,056	7.1
523	Securities, commodity contracts, and other financial investments and related activities	159,438	157,523	158,452	151,529	148,121	146,205	1.2	-0.6	7.6	7.7	475,413	432,514	9.9
5231	Securities and commodity contracts intermediation and brokerage	69,784	70,072	71,529	65,857	66,135	67,592	-0.4	-2.0	5.5	3.7	211,385	192,799	9.6
5232	Securities and commodity exchanges	2,869	2,994	2,982	2,782	2,577	2,748	-4.2	0.4	11.3	9.0	8,845	8,238	7.4
5239	Other financial investment activities	86,785	84,457	83,941	82,890	79,409	75,865	2.8	0.6	9.3	11.3	255,183	231,477	10.2
524	Insurance carriers and related activities	649,050	644,711	629,530	627,202	610,385	598,176	0.7	2.4	6.3	7.8	1,923,291	1,794,191	7.2
5241	Insurance carriers	560,210	557,731	543,409	542,578	527,307	516,625	0.4	2.6	6.2	8.0	1,661,350	1,550,045	7.2
5242	Agencies, brokerages, and other insurance related activities	88,840	86,980	86,121	84,624	83,078	81,551	2.1	1.0	6.9	6.7	261,941	244,146	7.3
53	Real estate and rental and leasing	177,971	175,661	161,908	168,637	167,119	162,996	1.3	8.5	6.5	7.8	515,540	479,878	7.4
531	Real estate	123,963	123,130	113,698	117,460	116,585	113,037	0.7	8.3	6.3	8.9	360,791	333,082	8.3
5311	Lessors of real estate.....	69,260	68,309	66,709	66,976	65,117	63,500	1.4	2.4	6.4	7.6	204,278	190,738	7.1
5312	Offices of real estate agents and brokers.....	30,767	31,036	24,063	27,014	28,702	28,272	-0.9	29.0	7.2	9.8	85,866	77,982	10.1
5313	Activities related to real estate.....	23,936	23,785	22,926	23,470	22,766	21,265	0.6	3.7	5.1	11.9	70,647	64,362	9.8
532	Rental and leasing services	43,635	41,974	38,674	39,913	40,978	39,813	4.0	8.5	6.5	5.4	124,283	117,589	5.7
5321	Automotive equipment rental and leasing	15,953	14,762	13,521	14,409	15,684	14,589	8.1	9.2	1.7	1.2	44,236	43,296	2.2
53211	Passenger car rental and leasing.....	10,873	9,872	9,204	9,782	10,844	9,897	10.1	7.3	0.3	-0.3	29,949	29,512	1.5
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	5,080	4,890	4,317	4,627	4,840	4,692	3.9	13.3	5.0	4.2	14,287	13,784	3.6
5322	Consumer goods rental	5,607	5,785	5,614	5,463	5,368	5,716	-3.1	3.0	4.5	1.2	17,006	16,959	0.3
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	21,212	20,636	18,966	19,389	19,134	18,805	2.8	8.8	10.9	9.7	60,814	55,289	10.0
533	Lessors of nonfinancial intangible assets (except copyrighted works)	10,373	10,557	9,536	11,264	9,556	10,146	-1.7	10.7	8.5	4.1	30,466	29,207	4.3

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted

[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2017 (p)	2Q 2017	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016	2017 (p)	2016	2017 from 2016 (p)
54	Professional, scientific, and technical services⁹	438,073	445,872	433,704	448,922	432,912	435,215	-1.7	2.8	1.2	2.4	1,317,649	1,286,309	2.4
5411	Legal services ⁹	72,682	72,803	65,850	83,438	71,527	71,122	-0.2	10.6	1.6	2.4	211,335	206,540	2.3
5412	Accounting, tax preparation, bookkeeping, and payroll services	39,395	48,770	53,175	38,163	38,894	45,185	-19.2	-8.3	1.3	7.9	141,340	133,179	6.1
5413	Architectural, engineering, and related services	78,142	76,041	74,644	77,970	77,228	75,053	2.8	1.9	1.2	1.3	228,827	225,491	1.5
5413 pt	Architectural and related services ¹⁰	17,715	18,343	17,926	18,989	18,720	17,662	-3.4	2.3	-5.4	3.9	53,984	54,071	-0.2
54133	Engineering services	60,427	57,698	56,718	58,981	58,508	57,391	4.7	1.7	3.3	0.5	174,843	171,420	2.0
5414	Specialized design services	5,739	6,023	5,692	5,965	5,663	5,467	-4.7	5.8	1.3	10.2	17,454	16,972	2.8
5415	Computer systems design and related services	94,333	95,073	91,498	92,253	92,245	90,879	-0.8	3.9	2.3	4.6	280,904	271,533	3.5
5416	Management, scientific, and technical consulting services	66,662	64,638	63,495	65,470	64,391	63,865	3.1	1.8	3.5	1.2	194,795	189,048	3.0
5417	Scientific research and development services	34,189	34,095	33,328	37,109	35,461	36,137	0.3	2.3	-3.6	-5.7	101,612	104,723	-3.0
5418	Advertising, public relations, and related services	26,202	26,665	25,807	27,007	26,117	25,822	-1.7	3.3	0.3	3.3	78,674	76,701	2.6
5419	Other professional, scientific, and technical services	20,729	21,764	20,215	21,547	21,386	21,685	-4.8	7.7	-3.1	0.4	62,708	62,122	0.9
56	Administrative and support and waste management and remediation services	241,050	237,280	226,221	226,392	222,186	216,293	1.6	4.9	8.5	9.7	704,551	642,757	9.6
561	Administrative and support services	216,752	213,353	204,111	203,276	198,739	193,191	1.6	4.5	9.1	10.4	634,216	574,887	10.3
5613	Employment services	97,861	93,833	95,646	93,950	86,444	83,357	4.3	-1.9	13.2	12.6	287,340	252,193	13.9
5615	Travel arrangement and reservation services	12,310	11,645	10,876	10,791	11,629	10,906	5.7	7.1	5.9	6.8	34,831	32,813	6.2
561 pt	Other administrative and support services ¹¹	106,581	107,875	97,589	98,535	100,666	98,928	-1.2	10.5	5.9	9.0	312,045	289,881	7.6
562	Waste management and remediation services	24,298	23,927	22,110	23,116	23,447	23,102	1.6	8.2	3.6	3.6	70,335	67,870	3.6
61	Educational services¹²	17,619	17,961	16,720	16,112	16,157	17,624	-1.9	7.4	9.0	1.9	52,300	49,480	5.7
6114	Business schools and computer and management training	3,498	3,187	3,045	2,983	2,842	3,124	9.8	4.7	23.1	2.0	9,730	8,886	9.5
6115	Technical and trade schools	3,618	3,460	3,474	3,508	3,709	3,673	4.6	-0.4	-2.5	-5.8	10,552	11,010	-4.2
6116	Other schools and instruction	6,453	S	S	6,038	5,738	6,586	S	S	12.5	S	S	18,182	S
6117	Educational support services	4,050	4,652	3,753	3,583	3,868	4,241	-12.9	24.0	4.7	9.7	12,455	11,402	9.2
62	Health care and social assistance	632,000	633,957	627,513	630,468	604,410	612,677	-0.3	1.0	4.6	3.5	1,893,470	1,809,406	4.6
621	Ambulatory health care services	254,150	253,862	249,020	249,905	241,000	242,500	0.1	1.9	5.5	4.7	757,032	718,101	5.4
6211	Offices of physicians	124,947	123,685	121,053	124,331	118,120	119,234	1.0	2.2	5.8	3.7	369,685	351,660	5.1
6212	Offices of dentists	30,909	31,480	S	S	S	S	-1.8	S	S	S	S	S	S
6213	Offices of other health practitioners	21,508	S	21,082	20,727	19,802	19,967	S	S	8.6	S	S	59,227	S
6214	Outpatient care centers	34,203	34,553	34,115	34,216	32,883	32,231	-1.0	1.3	4.0	7.2	102,871	96,365	6.8
6215	Medical and diagnostic laboratories	12,580	12,668	12,378	12,478	12,121	12,403	-0.7	2.3	3.8	2.1	37,626	36,467	3.2
6216	Home health care services	20,404	20,388	19,941	20,005	19,610	19,507	0.1	2.2	4.0	4.5	60,733	57,899	4.9
6219	Other ambulatory health care services	9,599	9,252	8,871	8,913	8,719	8,657	3.8	4.3	10.1	6.9	27,722	25,862	7.2
622	Hospitals	272,471	274,074	273,843	272,958	261,757	268,422	-0.6	0.1	4.1	2.1	820,388	789,688	3.9
6221	General medical and surgical hospitals	253,637	255,275	255,467	254,801	243,592	250,584	-0.6	-0.1	4.1	1.9	764,379	735,810	3.9
6222	Psychiatric and substance abuse hospitals	6,506	6,614	6,633	6,614	6,524	6,316	-1.6	-0.3	-0.3	4.7	19,753	19,136	3.2
6223	Specialty (except psychiatric and substance abuse) hospitals	12,328	12,185	11,743	11,543	11,641	11,522	1.2	3.8	5.9	5.8	36,256	34,742	4.4
623	Nursing and residential care facilities	60,666	59,771	59,206	60,580	59,123	58,733	1.5	1.0	2.6	1.8	179,643	174,397	3.0
624	Social assistance	44,713	46,250	45,444	47,025	42,530	43,022	-3.3	1.8	5.1	7.5	136,407	127,220	7.2
6241	Individual and family services	23,334	24,529	23,888	23,802	22,604	22,405	-4.9	2.7	3.2	9.5	71,751	66,442	8.0
6242	Community food and housing, and emergency and other relief services	8,505	8,321	8,172	9,734	7,693	7,862	2.2	1.8	10.6	5.8	24,998	23,144	8.0
6243	Vocational rehabilitation services	3,429	3,372	3,235	3,338	3,316	3,286	1.7	4.2	3.4	2.6	10,036	9,860	1.8
6244	Child day care services	9,445	10,028	10,149	10,151	8,917	9,469	-5.8	-1.2	5.9	5.9	29,622	27,774	6.7
71	Arts, entertainment, and recreation	73,240	67,952	60,162	67,407	66,848	62,380	7.8	12.9	9.6	8.9	201,354	184,741	9.0
711	Performing arts, spectator sports, and related industries	32,993	28,728	25,225	32,365	29,673	25,996	14.8	13.9	11.2	10.5	86,946	78,884	10.2
7111	Performing arts companies	4,156	3,983	3,780	4,020	3,986	4,026	4.3	5.4	4.3	-1.1	11,919	11,312	5.4
7112	Spectator sports	12,684	10,907	9,131	13,525	11,343	9,934	16.3	19.5	11.8	9.8	32,722	29,471	11.0
7113	Promoters of performing arts, sports, and similar events	8,955	7,538	5,952	7,179	7,843	6,358	18.8	26.6	14.2	18.6	22,445	19,653	14.2
7114	Agents and managers for artists, athletes, entertainers, and other public figures	1,977	1,747	1,674	1,974	1,912	1,720	13.2	4.4	3.4	1.6	5,398	5,184	4.1
7115	Independent artists, writers, and performers	5,221	4,553	4,688	5,667	4,589	3,958	14.7	-2.9	13.8	15.0	14,462	13,264	9.0
712	Museums, historical sites, and similar institutions	4,179	4,307	3,606	4,424	4,075	4,084	-3.0	19.4	2.6	5.5	12,092	11,285	7.2
713	Amusement, gambling, and recreation industries	36,068	34,917	31,331	30,618	33,100	32,300	3.3	11.4	9.0	8.1	102,316	94,572	8.2
7131	Amusement parks and arcades	7,172	6,037	4,030	4,603	6,311	5,091	18.8	49.8	13.6	18.6	17,239	14,967	15.2
7132	Gambling industries	7,785	7,768	7,787	7,032	7,104	7,219	0.2	-0.2	9.6	7.6	23,340	21,828	6.9
7139	Other amusement and recreation industries	21,111	21,112	19,514	18,983	19,685	19,990	Z	8.2	7.2	5.6	61,737	57,777	6.9
721	Accommodation	66,509	66,254	59,225	58,128	64,556	62,497	0.4	11.9	3.0	6.0	191,988	182,303	5.3
7211	Traveler accommodation	63,979	64,251	57,711	56,874	62,228	60,402	-0.4	11.3	2.8	6.4	185,941	176,443	5.4
7212	RV (recreational vehicle) parks and recreational camps	2,183	1,752	1,196	931	1,931	1,814	24.6	46.5	13.1	-3.4	5,131	4,839	6.0
7213	Rooming and boarding houses	347	251	318	323	397	281	38.2	-21.1	-12.6	-10.7	916	1,021	-10.3

Table 1b. Selected Services - Estimated Quarterly Revenue for Employer Firms, Not Seasonally Adjusted[Estimates are not adjusted for seasonal variation or for price changes and are based on data from the Quarterly Services Survey. For additional information see www.census.gov/services]

2012 NAICS code ¹	Kind of business	Total revenue (millions of dollars)						Percent change				Year to date		
		3Q 2017 (p)	2Q 2017	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016	2017 (p)	2016	2017 from 2016 (p)
81	Other services (except public administration)¹³	148,973	147,487	139,253	151,125	133,596	128,566	1.0	5.9	11.5	14.7	435,713	385,734	13.0
811	Repair and maintenance	41,980	42,257	40,588	39,972	40,907	41,777	-0.7	4.1	2.6	1.1	124,825	122,690	1.7
8111	Automotive repair and maintenance	26,898	27,057	26,071	25,884	26,589	26,801	-0.6	3.8	1.2	1.0	80,026	79,724	0.4
8112	Electronic and precision equipment repair and maintenance	4,439	4,452	4,564	4,500	4,463	4,403	-0.3	-2.5	-0.5	1.1	13,455	12,840	4.8
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	8,750	8,799	8,406	7,927	8,010	8,405	-0.6	4.7	9.2	4.7	25,955	24,565	5.7
8114	Personal and household goods repair and maintenance	1,893	1,949	1,547	1,661	1,845	2,168	-2.9	26.0	2.6	-10.1	5,389	5,561	-3.1
812	Personal and laundry services	28,554	29,226	27,945	28,443	27,669	27,451	-2.3	4.6	3.2	6.5	85,725	81,599	5.1
8121	Personal care services	S	S	9,958	9,752	9,932	9,806	S	S	S	S	S	29,001	S
8122	Death care services	4,774	4,998	5,238	5,062	4,709	4,743	-4.5	-4.6	1.4	5.4	15,010	14,311	4.9
8123	Drycleaning and laundry services	7,118	7,034	6,732	6,806	6,729	6,834	1.2	4.5	5.8	2.9	20,884	20,176	3.5
8129	Other personal services	S	S	6,017	6,823	6,299	6,068	S	S	S	S	S	18,111	S
813	Religious, grantmaking, civic, professional, and similar organizations ¹⁴	78,439	76,004	70,720	82,710	65,020	59,338	3.2	7.5	20.6	28.1	225,163	181,445	24.1

(p) Preliminary estimate. Z Absolute value is less than .05.

S Estimate does not meet publication standards because of high variability (coefficient of variation greater than 30%), poor response quality (total quantity response rate is less than 50%) or other concerns about the estimate's quality. Unpublished estimates derived from this table by subtraction are subject to these same limitations and should not be attributed to the U.S. Census Bureau. For a description of publication standards and the total quantity response rate, see www.census.gov/quality/guidelines/index.html.(1) For a full description of the NAICS (North American Industry Classification System) codes used in this table, see the 2012 NAICS manual or www.census.gov/eos/www/naics/.

(2) Includes NAICS 22 (Utilities), NAICS 48-49 (Transportation and warehousing), NAICS 51 (Information), NAICS 52 (Finance and insurance), NAICS 53 (Real estate and rental and leasing), NAICS 54 (Selected professional, scientific, and technical services), NAICS 56 (Administrative and support and waste management and remediation services), NAICS 61 (Educational services), NAICS 62 (Health care and social assistance), NAICS 71 (Arts, entertainment, and recreation), NAICS 721 (Accommodation), and NAICS 81 (Other services (except public administration)). Exclusions listed in footnotes 3, 4, 7, 9, 12, and 13 also apply to the Selected Services Total.

(3) Excludes government owned utilities.

(4) Excludes NAICS 482 (Rail transportation) and 491 (Postal service).

(5) Includes NAICS 51113 (Book publishers), 51114 (Directory and mailing list publishers), and 51119 (Other publishers).

(6) Includes NAICS 5174 (Satellite telecommunications), and 5179 (Other telecommunications).

(7) Excludes NAICS 525 (Funds, trusts, and other financial vehicles).

(8) Excludes NAICS 521 (Monetary authorities-central bank) and NAICS 525 (Funds, trusts, and other financial vehicles).

(9) Excludes NAICS 54112 (Offices of notaries).

(10) Includes all of NAICS 5413 (Architectural, engineering, and related services) except 54133 (Engineering services).

(11) Includes NAICS 5611 (Office administrative services), 5612 (Facilities support services), 5614 (Business support services), 5616 (Investigation and security services), 5617 (Services to buildings and dwellings), and 5619 (Other support services).

(12) Excludes NAICS 6111 (Elementary and secondary schools), 6112 (Junior colleges), and 6113 (Colleges, universities, and professional schools).

(13) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), 81394 (Political organizations), and 814 (Private households).

(14) Excludes NAICS 8131 (Religious organizations), 81393 (Labor unions and similar labor organizations), and 81394 (Political organizations).

Note: Estimates cover taxable and tax-exempt firms unless otherwise specified. Additionally, estimates for some sectors and subsectors may include data for kinds of business not shown. Table 2 provides estimated measures of sampling variability. Data users who create their own estimates using data from this report should cite the U.S. Census Bureau as the source of the original data only. Additional information on confidentiality protection, sampling error, nonsampling error, sample design, and definitions may be found at www.census.gov/services/qss/cv.html. For NAICS 52, estimates may include unrealized gains (losses).

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2017 (p)	2Q 2017	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016	2017 (p)	2016	2017 from 2016 (p)
	Selected Services Total	0.6	0.7	1.4	1.4	1.4	1.4	0.1	0.2	1.7	1.9	0.6	1.4	1.8
22	Utilities	3.1	2.0	4.1	4.2	4.5	4.6	2.0	0.9	5.1	5.0	2.1	4.2	4.4
2211	Electric power generation, transmission and distribution	3.5	2.5	5.0	4.9	5.1	5.4	2.6	0.9	5.7	5.7	2.7	5.0	5.3
2212	Natural gas distribution	5.2	5.7	2.9	3.0	4.2	3.1	1.5	1.5	8.8	7.9	4.8	2.8	6.8
2213	Water, sewage and other systems	5.4	5.1	7.9	7.3	6.7	6.8	1.7	1.8	9.8	9.5	5.5	7.0	9.8
48-49	Transportation and warehousing	2.0	2.1	2.5	2.6	2.7	2.7	0.5	0.5	3.8	4.2	2.0	2.6	4.0
481	Air transportation	1.5	1.5	2.9	3.8	4.4	4.3	0.4	0.6	4.5	4.6	1.6	4.4	4.6
483	Water transportation	7.9	7.7	2.8	3.2	3.1	3.2	0.4	0.5	12.4	11.8	7.7	3.2	11.9
4831	Deep sea, coastal, and Great Lakes water transportation.....	9.0	9.0	3.6	4.1	3.8	4.2	0.5	0.5	14.4	14.1	9.1	4.0	14.2
4832	Inland water transportation.....	5.2	4.6	3.9	4.6	4.8	3.7	1.9	2.0	6.3	5.9	4.8	4.0	5.9
484	Truck transportation	5.6	5.9	6.9	7.6	7.9	7.8	0.7	1.2	10.4	11.0	5.6	7.8	10.4
4841	General freight trucking	8.6	9.3	10.8	11.5	11.9	11.7	1.0	1.6	17.7	17.9	8.6	11.7	16.9
48412	General freight trucking, long-distance	4.2	3.7	11.6	12.3	12.5	12.5	1.2	1.1	14.2	12.1	3.8	12.5	12.8
4842	Specialized freight trucking	1.8	1.8	4.8	4.5	4.1	3.6	1.4	1.0	5.4	5.9	1.8	3.6	5.6
485	Transit and ground passenger transportation	3.4	3.8	6.5	6.2	5.5	6.7	1.5	0.8	3.9	5.1	3.4	5.7	4.5
486	Pipeline transportation	1.2	1.4	1.9	1.9	1.8	1.6	0.3	0.2	2.4	2.5	1.3	1.5	2.3
487	Scenic and sightseeing transportation	5.7	5.5	10.6	11.9	10.7	10.0	5.5	8.4	35.4	28.4	5.3	9.5	24.9
488	Support activities for transportation	3.6	4.2	6.4	6.5	5.9	6.1	1.4	0.5	9.3	11.0	3.8	5.9	10.2
492	Couriers and messengers	4.8	3.8	1.7	1.6	1.6	1.6	0.9	1.1	6.9	5.9	4.2	1.7	6.3
493	Warehousing and storage	5.7	5.3	6.3	6.8	6.0	5.7	0.7	0.8	11.3	10.9	5.4	5.8	11.0
51	Information	1.8	1.6	1.3	1.3	1.4	1.6	0.3	0.3	2.0	2.0	1.6	1.6	2.0
511	Publishing industries (except Internet)	3.2	2.9	5.5	5.3	4.6	5.1	0.8	1.0	4.9	5.1	2.8	5.0	5.0
51111	Newspaper publishers	4.8	4.9	4.1	4.4	4.9	5.3	0.7	0.4	5.9	7.0	4.8	5.2	6.6
51112	Periodical publishers	5.4	5.3	4.7	5.8	3.6	5.0	2.9	1.5	7.6	7.4	5.0	4.1	7.0
5111 pt	Book, directory and mailing list, and other publishers	3.4	3.2	4.5	4.2	4.6	5.5	1.6	1.6	3.8	4.2	3.2	4.6	3.3
5112	Software publishers	3.7	3.4	7.2	6.9	6.0	6.6	0.9	1.4	6.7	6.9	3.3	6.5	6.8
512	Motion picture and sound recording industries	1.0	1.1	3.4	4.0	3.2	3.9	1.0	0.9	2.9	3.4	1.0	4.0	3.7
515	Broadcasting (except Internet)	0.9	0.9	1.7	1.9	1.4	1.9	0.3	0.2	1.9	2.5	0.9	1.7	2.3
5151	Radio and television broadcasting	2.1	1.9	2.7	2.9	2.6	3.3	0.7	0.5	3.4	3.8	1.8	2.9	3.5
5152	Cable and other subscription programming	1.4	1.4	1.2	1.3	1.2	1.3	0.1	0.2	2.0	1.9	1.4	1.3	1.9
517	Telecommunications	1.7	1.5	1.7	1.7	1.7	2.0	0.2	0.1	2.2	2.2	1.5	1.9	2.2
5171	Wired telecommunications carriers	1.9	1.7	3.4	3.2	3.4	3.6	0.3	0.1	3.0	3.1	1.7	3.6	3.1
5172	Wireless telecommunications carriers (except satellite)	1.9	1.8	2.4	2.6	2.6	2.8	0.1	0.1	3.8	4.0	1.8	2.7	3.9
517 pt	Other telecommunications	5.2	4.6	3.3	3.5	3.6	4.5	0.9	0.8	9.0	8.9	4.7	3.9	8.4
518	Data processing, hosting, and related services	3.7	4.0	3.4	3.4	3.5	4.0	1.1	1.2	6.2	6.6	3.9	3.8	6.6
519	Other information services.....	5.6	5.5	4.5	3.6	3.1	3.9	0.3	0.4	8.0	8.3	5.6	3.8	8.2
52	Finance and insurance	1.7	1.7	4.7	5.3	4.8	5.2	0.2	0.2	5.0	5.3	1.7	4.9	5.1
52 pt	Finance and insurance (except monetary authorities-central bank)	1.8	1.8	4.8	5.4	5.0	5.3	0.2	0.2	5.1	5.4	1.8	5.0	5.2
521	Monetary authorities-central bank.....	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522	Credit intermediation and related activities.....	1.6	1.5	4.2	4.5	4.4	4.7	0.3	0.3	4.7	4.9	1.5	4.6	4.8
5221	Depository credit intermediation.....	3.7	3.4	7.6	7.9	7.7	8.2	0.5	0.7	9.5	9.7	3.6	8.0	9.7
5222	Nondepository credit intermediation.....	2.4	2.0	4.0	4.3	4.6	4.7	0.5	0.4	3.8	3.8	2.1	4.3	3.6
5223	Activities related to credit intermediation.....	2.7	2.5	3.6	3.0	2.4	2.3	0.5	0.8	4.3	4.1	2.7	2.3	4.0
523	investments and related activities	4.5	4.5	4.0	4.0	4.4	3.7	0.3	0.7	6.2	5.6	4.6	3.8	5.8
5231	Securities and commodity contracts intermediation and brokerage	8.6	9.0	7.1	7.5	7.2	6.2	0.6	1.0	9.5	9.1	8.5	6.4	9.5
5232	Securities and commodity exchanges	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
5239	Other financial investment activities	3.5	3.1	4.9	4.9	5.0	3.7	0.7	1.1	7.1	5.8	3.4	4.0	6.4
524	Insurance carriers and related activities	2.0	1.9	7.1	8.0	7.1	7.8	0.4	0.2	6.7	7.4	1.9	7.3	7.0
5241	Insurance carriers	2.4	2.2	8.2	9.2	8.3	8.9	0.5	0.3	8.2	8.9	2.3	8.4	8.4
5242	Agencies, brokerages, and other insurance related activities	2.6	2.7	4.5	3.8	4.4	4.3	0.7	0.8	6.4	6.4	2.7	4.4	6.3
53	Real estate and rental and leasing	1.6	1.9	4.7	4.8	5.4	5.2	0.6	0.9	5.5	5.8	1.8	5.0	5.4
531	Real estate	2.4	2.5	6.3	6.5	7.4	7.2	0.6	0.7	7.5	7.8	2.6	7.0	7.5
5311	Lessors of real estate.....	3.9	3.8	7.8	8.2	9.4	9.1	1.0	0.5	9.0	9.0	3.8	9.0	8.9
5312	Offices of real estate agents and brokers.....	3.1	3.3	11.6	10.7	11.6	11.9	0.8	2.7	11.7	12.4	3.1	11.4	12.1
5313	Activities related to real estate.....	2.4	2.1	7.4	6.1	6.7	7.0	1.3	1.1	6.8	6.9	2.3	6.7	6.7
532	Rental and leasing services	2.9	3.4	4.4	4.6	3.9	4.2	0.8	1.5	5.9	6.6	2.9	4.0	5.8
5321	Automotive equipment rental and leasing	2.7	3.5	3.3	3.4	3.2	3.5	1.0	0.4	3.4	4.1	3.2	3.1	3.8
53211	Passenger car rental and leasing.....	3.7	5.0	3.4	3.3	3.0	3.3	1.5	0.3	4.0	5.5	4.5	2.9	4.8
53212	Truck, utility trailer, and RV (recreational vehicle) rental and leasing	3.6	4.0	5.2	5.6	5.1	5.2	1.3	1.1	7.7	6.8	3.8	5.0	6.8
5322	Consumer goods rental	7.0	6.7	8.9	10.3	10.9	10.3	4.0	5.6	10.2	11.0	7.4	10.1	8.9
5323	General rental centers.....	S	S	S	S	S	S	S	S	S	S	S	S	S
5324	Commercial and industrial machinery and equipment rental and leasing	8.4	8.2	6.1	6.4	5.7	6.3	1.1	1.8	11.7	11.2	7.9	5.7	10.7

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2017 (p)	2Q 2017	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016	2017 (p)	2016	2017 from 2016 (p)
533	(except copyrighted works)	6.5	4.8	6.6	5.7	7.1	7.6	3.0	2.9	11.4	11.2	5.2	7.3	10.3
54	Professional, scientific, and technical services	1.5	1.6	1.6	2.1	2.2	2.4	0.6	0.6	3.1	3.1	1.6	2.2	3.2
5411	Legal services	2.9	2.9	3.1	3.7	2.7	2.3	1.1	3.2	4.4	4.0	2.6	2.3	3.8
5412	Accounting, tax preparation, bookkeeping, and payroll services	2.5	1.9	3.4	4.4	4.8	4.0	1.0	0.9	3.8	3.8	1.9	4.1	3.3
5413	Architectural, engineering, and related services	3.0	3.2	4.1	5.5	5.1	4.8	2.2	0.9	9.4	9.2	2.9	4.5	8.7
5413 pt	Architectural and related services	5.0	5.8	4.7	8.6	7.8	8.2	3.5	2.5	12.4	11.9	5.2	8.0	11.9
54133	Engineering services	3.4	2.7	5.2	6.6	6.1	5.3	2.5	0.6	11.3	9.8	2.8	5.2	9.9
5414	Specialized design services.....	5.1	4.1	3.8	4.5	4.0	3.3	2.6	4.0	9.6	7.0	3.7	4.0	8.1
5415	Computer systems design and related services	2.4	2.5	6.1	5.9	7.1	7.5	1.5	1.4	6.7	7.0	2.2	7.3	6.7
5416	Management, scientific, and technical consulting services	3.2	2.5	5.6	5.4	5.4	5.2	1.3	0.9	6.5	6.1	2.7	5.3	6.4
5417	Scientific research and development services	8.5	7.5	4.7	7.3	6.9	6.2	1.2	0.9	11.5	10.5	7.9	6.3	11.1
5418	Advertising, public relations, and related services	1.6	1.9	3.6	3.4	3.1	3.0	1.0	0.4	3.9	4.0	1.8	3.0	3.8
5419	Other professional, scientific, and technical services.....	4.7	4.6	8.4	7.7	6.1	6.2	1.1	1.7	9.7	9.6	4.5	6.1	9.5
56	Administrative and support and waste management and remediation services	2.3	1.9	1.3	1.3	1.4	1.4	0.6	0.8	3.4	3.1	1.9	1.4	3.2
561	Administrative and support services	2.5	2.1	1.8	1.9	1.9	1.9	0.6	0.9	3.9	3.7	2.1	1.9	3.8
5613	Employment services	4.9	4.5	5.0	4.5	4.5	3.9	0.7	1.2	8.5	7.5	4.4	4.0	7.4
5615	Travel arrangement and reservation services	4.1	3.4	7.6	7.3	8.5	7.1	1.9	2.1	16.1	13.6	3.6	7.9	14.6
561 pt	Other administrative and support services	2.7	2.0	3.9	3.7	4.0	3.8	1.0	1.5	5.3	5.6	2.5	3.9	5.7
562	Waste management and remediation services	3.3	2.4	3.7	4.0	3.7	3.5	1.8	0.8	6.1	6.0	2.6	3.5	5.7
61	Educational services	3.3	2.3	5.7	5.2	4.8	4.6	2.0	1.3	4.5	4.6	2.5	4.9	4.4
6114	Business schools and computer and management training	6.9	6.2	18.0	18.0	17.5	17.1	2.5	2.7	22.6	18.2	6.6	17.3	19.2
6115	Technical and trade schools	3.5	4.2	12.2	11.7	13.7	11.7	1.9	1.5	9.7	9.0	3.8	12.2	8.8
6116	Other schools and instruction.....	8.0	S	S	5.8	8.4	6.5	S	S	15.6	S	S	7.2	S
6117	Educational support services	5.5	2.6	4.3	4.2	8.1	3.6	3.1	1.3	8.1	5.0	3.2	4.3	5.4
62	Health care and social assistance	0.9	0.9	2.2	1.9	1.9	2.2	0.2	0.2	1.7	1.9	0.8	2.0	1.8
621	Ambulatory health care services	1.2	1.2	2.1	2.0	2.1	1.9	0.4	0.4	2.6	2.6	1.1	1.9	2.6
6211	Offices of physicians.....	2.2	2.6	5.8	5.4	5.8	5.4	0.7	0.5	7.7	7.2	2.4	5.5	7.4
6212	Offices of dentists.....	3.5	2.7	S	S	S	S	1.5	S	S	S	S	S	S
6213	Offices of other health practitioners	3.7	S	5.2	4.6	5.2	4.5	S	S	7.1	S	S	4.7	S
6214	Outpatient care centers	3.1	2.3	3.6	4.2	3.3	3.4	1.0	0.1	5.4	4.8	2.5	3.4	5.0
6215	Medical and diagnostic laboratories	3.5	3.5	4.1	4.1	3.9	3.9	1.0	0.7	5.6	5.8	3.5	3.8	5.6
6216	Home health care services	6.2	5.9	3.9	3.6	4.3	3.8	0.7	1.1	7.4	7.3	6.0	4.1	7.6
6219	Other ambulatory health care services	3.5	3.3	5.4	5.7	6.1	6.0	0.8	0.8	7.2	6.3	3.4	6.0	6.6
622	Hospitals	2.1	1.9	3.8	3.7	3.4	4.0	0.4	0.3	2.8	3.2	2.0	3.7	3.0
6221	General medical and surgical hospitals.....	2.2	2.0	4.0	4.0	3.7	4.4	0.5	0.3	3.2	3.6	2.1	3.9	3.4
6222	Psychiatric and substance abuse hospitals.....	5.3	5.8	8.2	9.3	9.1	9.5	0.8	1.4	6.7	7.1	5.5	9.0	6.7
6223	Specialty (except psychiatric and substance abuse) hospitals.....	7.7	7.1	7.3	7.1	7.0	7.2	0.7	0.3	13.2	12.3	7.4	7.1	12.3
623	Nursing and residential care facilities	3.0	2.9	4.5	4.6	4.9	4.4	0.7	0.4	5.5	4.5	2.8	4.7	5.0
624	Social assistance	2.4	2.0	3.3	3.0	1.9	2.2	1.2	0.4	3.8	3.9	2.0	2.1	3.8
6241	Individual and family services.....	3.9	3.6	3.5	3.1	1.8	1.9	2.2	1.1	3.9	4.4	3.6	1.9	4.1
6242	Community food and housing, and emergency and other relief services	5.8	5.9	4.4	4.2	5.0	4.2	2.1	1.5	9.7	9.2	5.4	4.2	9.0
6243	Vocational rehabilitation services	10.9	9.3	8.0	9.4	8.0	9.1	2.3	1.8	13.9	14.4	9.5	9.0	14.1
6244	Child day care services	5.2	3.4	6.4	6.8	7.2	6.8	2.4	2.5	13.1	11.9	4.0	6.4	10.6
71	Arts, entertainment, and recreation.....	2.5	2.7	3.0	3.6	3.5	3.3	0.9	1.4	4.1	4.8	2.7	3.1	4.3
711	Performing arts, spectator sports, and related industries	1.1	2.7	3.7	3.8	3.9	5.0	2.1	3.0	5.3	8.0	2.3	3.7	6.2
7111	Performing arts companies.....	5.8	4.7	6.3	7.0	10.6	7.8	6.2	3.5	15.1	12.4	4.0	8.0	10.9
7112	Spectator sports.....	3.5	3.2	11.9	8.6	9.2	12.1	2.3	7.7	15.1	15.6	3.9	9.5	14.0
7113	Promoters of performing arts, sports, and similar events.....	6.0	6.0	7.9	2.2	2.2	4.4	4.5	4.1	8.5	8.9	5.9	3.3	8.0
7114	Agents and managers for artists, athletes, entertainers, and other public figures	3.6	4.6	11.2	11.3	11.7	11.9	2.6	3.1	20.0	20.5	4.4	10.9	20.6
7115	Independent artists, writers, and performers.....	9.2	8.4	16.0	12.9	10.0	12.5	11.8	3.1	21.2	38.9	7.5	10.1	27.5
712	Museums, historical sites, and similar institutions.....	8.9	9.0	6.3	5.4	5.0	3.4	2.6	3.6	11.7	11.5	9.7	4.3	12.3
713	Amusement, gambling, and recreation industries.....	4.6	4.8	5.7	5.3	5.3	4.3	0.8	1.8	7.4	6.4	4.9	4.8	7.4
7131	Amusement parks and arcades.....	5.9	6.2	5.9	4.5	5.2	4.0	4.1	6.2	6.5	9.0	4.9	4.3	6.8
7132	Gambling industries.....	12.8	12.7	11.3	10.8	12.1	11.5	0.4	1.0	25.7	24.1	13.0	11.7	24.4
7139	Other amusement and recreation industries.....	2.2	2.4	6.3	6.4	7.6	6.1	1.6	3.3	10.3	6.6	2.5	6.5	7.9
721	Accommodation	1.4	1.7	2.9	3.5	3.5	3.5	0.6	0.7	4.3	4.7	1.4	3.2	4.1
7211	Traveler accommodation	1.4	1.7	2.9	3.5	3.5	3.4	0.7	0.7	4.2	4.7	1.4	3.1	4.0
7212	RV (recreational vehicle) parks and recreational camps	5.5	5.3	6.9	7.5	6.3	7.1	6.5	5.2	16.8	9.6	4.6	5.4	10.4
7213	Rooming and boarding houses	4.5	9.2	7.3	11.9	16.3	21.0	13.1	3.8	13.5	20.2	5.5	17.6	16.6

Table 2. Selected Services - Estimated Measures of Sampling Variability

[Estimates are shown as percents and are based on data from the Quarterly Services Survey]

2012 NAICS code	Kind of business	Coefficient of variation for total revenue						Standard error for percent change				Year to Date		
												Coefficient of variation		Standard error
		3Q 2017 (p)	2Q 2017	1Q 2017	4Q 2016	3Q 2016	2Q 2016	3Q 2017 from 2Q 2017 (p)	2Q 2017 from 1Q 2017	3Q 2017 from 3Q 2016 (p)	2Q 2017 from 2Q 2016	2017 (p)	2016	2017 from 2016 (p)
81	Other services (except public administration)	2.0	2.4	2.3	2.4	2.0	2.2	2.5	1.8	3.8	4.0	1.8	2.1	3.9
811	Repair and maintenance	4.8	3.7	5.0	4.4	3.9	3.6	1.3	1.0	7.2	5.6	4.1	3.7	5.9
8111	Automotive repair and maintenance	7.6	6.8	7.8	7.9	6.5	6.4	1.3	1.5	9.1	8.5	7.1	5.9	8.2
8112	Electronic and precision equipment repair and maintenance	4.3	5.3	21.3	21.6	16.7	17.1	1.9	2.4	12.2	13.1	4.7	16.0	13.3
8113	Commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance	10.7	9.5	9.5	9.7	9.9	9.0	3.2	3.1	28.7	26.6	9.4	9.5	28.0
8114	Personal and household goods repair and maintenance	8.1	8.9	16.8	14.8	15.6	16.3	4.4	6.0	22.1	17.2	8.1	15.3	18.1
812	Personal and laundry services.....	3.2	3.3	4.2	4.1	4.3	4.5	0.5	1.0	3.9	4.6	3.1	4.4	4.6
8121	Personal care services.....	S	S	8.9	9.4	9.7	9.9	S	S	S	S	S	9.5	S
8122	Death care services.....	4.3	4.6	8.8	8.0	8.1	8.0	2.0	2.3	9.3	9.9	4.1	8.5	10.6
8123	Drycleaning and laundry services.....	4.0	4.0	10.4	10.2	9.5	9.5	0.7	0.9	12.8	11.6	4.1	9.5	11.9
8129	Other personal services.....	S	S	8.1	8.0	7.2	7.4	S	S	S	S	S	7.0	S
813	similar organizations	2.3	4.5	3.2	2.8	3.3	3.4	5.9	4.1	3.9	5.2	3.0	2.6	3.4

(p) Preliminary estimate. Z Absolute value is less than .05.

S Corresponding estimate in Table 1a and/or 1b does not meet publication standards because of high sampling variability, poor response quality or other concerns about the estimate's quality.

Note: Estimated measures of sampling variability are based on data not adjusted for seasonal variation, and should be used when drawing inferences about both adjusted and not adjusted estimates. Standard errors for percent changes that include estimates prior to Q1 2017 may be larger than those previously published because the estimated totals used to produce the percent changes are derived from different samples. Additional information on confidentiality protection, sampling error, nonsampling errors, sample design, and definitions may be found at www.census.gov/services/qss/cv/html.

EXPLANATORY NOTES

Survey Description

The U.S. Census Bureau conducts the Quarterly Services Survey to provide national estimates of quarterly revenue for employer firms located in the United States and classified in select service industries. The current total sample size is approximately 19,500 employer firms.

Each quarter, questionnaires are mailed to a probability sample of employer firms selected from the larger Service Annual Survey sample. The QSS sample includes firms of all sizes and is updated on a quarterly basis to account for new services businesses, deaths, and other changes to the survey universe. Data for nonresponding firms are imputed based on data for similar-sized firms classified in the same kind of business. The following table lists imputation rates of total quarterly revenue for the industries published in the QSS:

2012 NAICS Code	Kind of Business	Imputation Rate of Total Quarterly Revenue (in %)
	Selected Services Total	27
22	Utilities	6
48-49	Transportation and warehousing	26
51	Information	19
52	Finance and insurance	16
53	Real estate and rental and leasing	38
54	Professional, scientific, and technical services	40
56	Administrative and support and waste management and remediation services	40
61	Educational services	39
62	Health care and social assistance	35
71	Arts, entertainment, and recreation	36
721	Accommodation	38
81	Other services (except public administration)	39

Quarterly revenue estimates are obtained by summing weighted data (either reported or imputed), where the weight for a particular unit is the reciprocal of its probability of being selected into the sample. The estimates are benchmarked using results of the latest SAS. Additional information on the QSS can be found on the Census Bureau website at www.census.gov/services/.

Description of Seasonal Adjustment

To derive the seasonally adjusted revenue estimates published in this report, we used all available quarterly

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revenue estimates as input to the Census Bureau's X-13 ARIMA-SEATS program. With each non-advance quarterly release, we publish preliminary seasonally adjusted estimates for the current quarter and revised seasonally adjusted estimates for the previous five quarters. The seasonal adjustment models used to derive seasonal factors for each kind of business are evaluated annually and will not be revised until the next benchmarking operation. For a table of the seasonal adjustment factors, see www.census.gov/services/qss/qssseasfactors.xls. A list of "Frequently Asked Questions" on seasonal adjustment of QSS estimates is available at www.census.gov/services/qss/seasonally_adjusted_faqs.

Reliability of the Estimates

The estimates in this report may differ from the actual, but unknown, population values. For a particular estimate, statisticians define this difference as the total error of the estimate. When describing the accuracy of survey results, it is convenient to discuss total error as the sum of sampling error and nonsampling error. Nonsampling error is the difference between the actual population parameter and the value that would be derived by surveying the entire set of units identified as the survey universe (the sampling frame). There are many potential contributors to nonsampling error – the inclusion of erroneous units in the survey (overcoverage), the exclusion of eligible units from the survey (undercoverage), nonresponse, misreporting, mistakes in recording and coding responses, misinterpretation of questions, and other errors of collection, response, coverage, or processing. Though nonsampling error is not measured directly, the Census Bureau employs quality control procedures throughout the process to minimize this type of error. Sampling error is the average difference between the estimate and the result that would be obtained from a complete enumeration of the sampling frame conducted under the same survey conditions. This error occurs because only a subset of the entire sampling frame is measured in a sample survey. Common measures of sampling error are the sampling variance, the standard error, and the coefficient of variation. The sampling variance is defined as the squared difference, averaged over all possible samples of the same size and design, between the estimator and its average value. The standard error is the square root of the sampling variance. The CV expresses the standard error as a percentage of the estimate to which it refers. For example, an estimate of 200 units that has an estimated standard error of 10 units has an estimated CV of 5 percent. The sampling variance, standard error, and CV of an estimate can be estimated from the selected sample because the sample was selected using probability sampling. Standard errors and coefficients of variation are given in Table 2 of this report.

The first page of this release gives statements about the change in revenue from a prior period. Each change estimate is accompanied by a number in parentheses, called the "margin of error." The margin of error can be used to construct a 90-percent confidence interval, which is interpreted as follows. If, for each possible sample, an estimate and its approximate standard error are obtained, then for approximately 90 percent of the possible samples, the interval from 1.895 standard errors below to 1.895 standard errors above the estimate would include the average of the estimates derived from all possible samples. If, for example, a particular change estimate is +1.2 percent and its associated margin of error is ± 1.5 percentage points, then

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the 90-percent confidence interval for the change estimate is -0.3 percent to +2.7 percent. If the interval contains 0, then one does not have sufficient evidence to conclude at the 90-percent confidence level that the actual change is different from zero. Each comparison stated in this report has undergone statistical testing and is significant at the 90-percent confidence level, unless otherwise noted. Data users should take into account the estimates of sampling error and the potential effects of nonsampling error when using the statistics in this publication.

Additional information regarding the methodology used in conducting this survey is available at www.census.gov/services/qss/qsstechdoc.html.

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